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Bradley G. Lane, Registration No. 33,411

Name of applicant, assignee or Registered Representative

Bradley G. Lane  
Signature

September 4, 2002

Date of Signature

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Patent  
Case No. 396/360

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
ANDREW BOAST et al.	)	
Serial No.:	)	Art Unit: 1723
10/087,119	)	
Filed:	)	
March 1, 2002	)	
For:	)	Examiner: Not Assigned
SUMP FILTER WITH FILTER	)	
ELEMENT CARTRIDGE	)	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
United States Patent and Trademark Office  
Washington, D.C. 20231

Dear Sir:

In conformance with 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to bring to the attention of the Examiner the following.

<u>Country/PTO</u>	<u>Document No.</u>	<u>Patentee</u>	<u>Date</u>
US	4,839,041	Kuwayama, et al.	June 13, 1989
US	4,052,315	Lindsey, Jr., et al.	Oct. 4, 1977
US	5,533,478	Robinson	July 9, 1996
US	3,382,984	Kuss	May 14, 1968
US	3,310,173	Sosower	Mar. 21, 1967
US	4,985,142	Laycock, et al.	Jan. 15, 1991

US	3,841,489	Combest, et al.	Oct. 15, 1974
US	2,057,779	Jacobs	Oct. 20, 1936
US	3,688,908	Myers, et al.	Sept. 5, 1972
France	2,471,803	Manitou BF	June 26, 1981

Applicant hereby submits the above-listed information pursuant to, among other provisions, 37 C.F.R. § 1.97(c). COPY OF PAPERS  
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Statement under 37 CFR 1.97(e)

This certifies that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

Concise Explanation of the Relevance

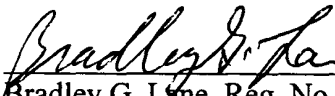
As the enclosed EPO search report indicates, French published patent application 2,471,803 has been categorized as providing technological background.

A copy of each of the above-listed pieces of information, together with a copy of the EPO search report identifying same, is enclosed. A form PTO-1449, listing all of the foregoing pieces of information is also enclosed for use in the present application.

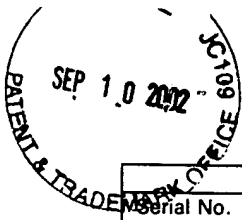
Applicants urge the Examiner to review the entire disclosure of each above-identified or enclosed pieces of information and to make all of record.

Dated: September 4, 2002

Respectfully submitted,

  
Bradley G. Lane, Reg. No. 33,411  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
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1723 #3 BT  
9-10-02

TRANSMITTAL LETTER			Case No. 396/360
Serial No. 10/087,119	Filing Date March 1, 2002	Examiner	Group Art Unit 1723
Inventor(s) Andrew Boast et al.			
Title of Invention SUMP FILTER WITH FILTER ELEMENT CARTRIDGE			

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TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Supplemental Information Disclosure Statement; PTO-1449; cited references.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a \_\_\_\_\_ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

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Other Than  
Small Entity

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total		Minus		
Indep.		Minus		
First Presentation of Multiple Dep. Claim				

Small Entity		
Rate	Add'l Fee	
x \$9 =		
x 42 =		
+ \$140 =		
Total add'l fee	\$	

or

Other Than Small Entity		
Rate	Add'l Fee	
x \$18 =		
x \$84 =		
+ \$280 =		
Total add'l fee	\$	

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Bradley G. Lane  
Registration No. 33, 411  
Attorney for Applicant

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Date: 9/4/02

Signature: Bradley G. Lane

TYPE JC109  
 SEP 10 2002  
 PATENT & TRADEMARK OFFICE



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 02 00 4633

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 4 839 041 A (KUWAYAMA YOSHINARI ET AL) 13 June 1989 (1989-06-13) * the whole document *	1-40	B01D35/02
X	US 4 052 315 A (DAUBERT JR RICHARD FRANCIS ET AL) 4 October 1977 (1977-10-04) * abstract; figures 1,3 * in particular references 29, 29a	1 1-40	
X	US 5 533 478 A (ROBINSON BARRY S) 9 July 1996 (1996-07-09) * abstract; figure 2 *	1 1-40	
X	US 3 382 984 A (KUSS RALPH L) 14 May 1968 (1968-05-14) * abstract; figures 2,6 *	1,15 1-40	
X	US 3 310 173 A (LEON SOSOWER) 21 March 1967 (1967-03-21) * abstract; figure 3 *	1 1-40	
A	US 4 985 142 A (RAMIREZ RAY C ET AL) 15 January 1991 (1991-01-15) * abstract; figures 1,2 *	1-40	
A	US 3 841 489 A (COMBEST J ET AL) 15 October 1974 (1974-10-15) * abstract; figures 1,5 *	1-40	
A	FR 2 471 803 A (MANITOU BF) 26 June 1981 (1981-06-26) * figure 1 *	1,15	
A	US 2 057 779 A (JACOBS EDWIN F) 20 October 1936 (1936-10-20) * figures 2-4 *	1,15	
<div style="text-align: center;">-/--</div>			
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>17 June 2002</b>	Examiner <b>Hoffmann, A</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03 82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 3 688 908 A (MYERS ROBERT R) 5 September 1972 (1972-09-05) * abstract; figure 3 * -----	1, 15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 17 June 2002	Examiner Hoffmann, A
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

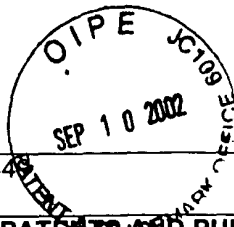
# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 00 4633

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-06-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4839041	A	13-06-1989	JP	62042713 A	24-02-1987
US 4052315	A	04-10-1977	BR	7506799 A	17-08-1976
			CA	1033309 A1	20-06-1978
			DE	2546517 A1	29-04-1976
			ES	441934 A1	16-06-1977
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			FR	2288543 A1	21-05-1976
			GB	1531262 A	08-11-1978
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			DE	69510048 D1	08-07-1999
			DE	69510048 T2	21-10-1999
			EP	0755485 A1	29-01-1997
			WO	9528562 A1	26-10-1995
US 3382984	A	14-05-1968	DE	1536841 A1	16-04-1970
			GB	1097850 A	03-01-1968
US 3310173	A	21-03-1967	NONE		
US 4985142	A	15-01-1991	NONE		
US 3841489	A	15-10-1974	NONE		
FR 2471803	A	26-06-1981	FR	2471803 A3	26-06-1981
US 2057779	A	20-10-1936	NONE		
US 3688908	A	05-09-1972	NONE		



FORM PTO-1449	SERIAL NO. 10/087,119	CASE NO. 396/360
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE March 1, 2002	GROUP ART UNIT 1723
(use several sheets if necessary)		APPLICANT(S): Andrew Boast et al.

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,839,041 ✓	6/13/89	Kuwayama, et al.		
	A2	4,052,315 ✓	10/4/77	Lindsey, Jr., et al.		
	A3	5,533,478 ✓	7/9/96	Robinson		
	A4	3,382,984 ✓	5/14/68	Kuss		
	A5	3,310,173 ✓	3/21/67	Sosower		
	A6	4,985,142 ✓	1/15/91	Laycock, et al.		
	A7	3,841,489 ✓	10/15/74	Combest, et al.		
	A8	2,057,779 ✓	10/20/36	Jacobs		
	A9	3,688,908 ✓	9/5/72	Myers, et al.		
	A10					
	A11					
	A12					
	A13					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
	A14	2,471,803	6/26/81	France			x
	A15						
	A16						
	A17						
	A18						

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A19	
	A20	
	A21	
	A22	
	A23	
	A24	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.